

# Features and Benefits

**ANTRONIX®**

## Ground Block w/Surge Protection CLA-15

Antronix has developed the CLA-15 to provide maximum protection against surges. With 15 kV surge withstand, the CLA-15 will survive the most hostile environments and provide the user years of reliable operation. Ideal for all multimedia, two-way broadband networks, the CLA-15 adds an additional layer of protection in surge-prone environments.

- **15 kV Surge Withstand**
- **Antronix's Eclipse Contact Technology (ECT) F-Port**  
Eclipse Contact Technology (ECT) grips along the circumference of the center conductor with greater than 400% more contact area when compared to traditional F-port connectors.
- **100% Soldered Backplate**
- **Tin Plated Housing**
- **SCTE Compliant F-Ports and Mounting Tabs**
- **Multi-Drive Grounding Screw**



## Specifications

Electrical		
Insertion Loss		
Specification	Frequency (MHz)	OA Spec
<b>Maximum</b> (dB)	5-50	0.1
	51-200	0.2
	201-550	0.2
	551-750	0.3
	751-1002	0.3
Input Return Loss		
<b>Minimum</b> (dB)	5-50	30
	51-200	25
	201-550	22
	551-750	20
	751-1002	20
Output Return Loss		
<b>Minimum</b> (dB)	5-50	30
	51-200	25
	201-550	20
	551-750	20
	751-1002	18

General	
Surge Protection	15 kV (max)
Voltage Rating	1 kV DC (max)
Discharge starting Voltage of Gas Tube	1 kV DC
Isolation (@ 50 VDC) Output:	100 MΩ (min)
Isolation (@ 50 VDC) Input:	500 KΩ (min)
Impedance	75 Ω

[Note: Not for power passing applications]